

## EUROPEAN PATENT OFFICE

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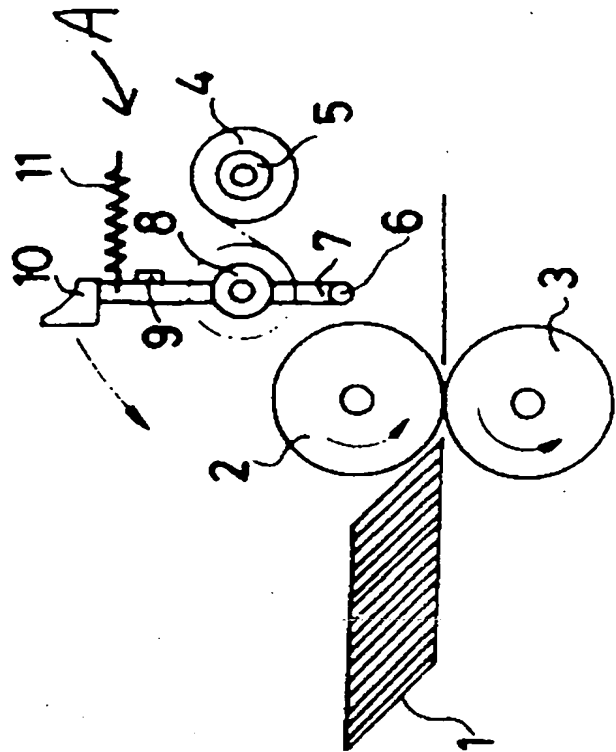
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APPLICANT : CANON INC;

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TITLE : FEED ROLLER CLEANING DEVICE



ABSTRACT : PURPOSE: To remove dust and the like efficiently from the surface of a feed roller by winding up an adhesive tape touching the feed roller, as the feed roller rotates, around a winding shaft for adhesive tape mounted on a swing arm capable of swinging to bring the winding shaft into contact with and to separate the winding shaft from the feed roller.

CONSTITUTION: A feed roller 2 feeds a sheet 1, while a reversing separation roller 3 prevents any double feed. To remove dust and the like adhering to the surface of the feed roller 2 to clean the feed roller 2, a cleaning device A disposed opposite to the feed roller 2 is used. A knob 10 is moved and turned in the direction of the arrow around a fixed pivot 6 so that a single-face adhesive tape 4 supplied from a holder 5 and wound on a winding shaft 8 is pressed against the surface of the abovementioned feed roller 2. The dust and the like adhering to the surface of the feed roller 2 is adsorbed and removed by the adhesive tape 4 to clean the feed roller 2, while the adhesive tape 4 is wound up on the winding shaft 8 as the feed roller 2 rotates.

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